

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-11-011

Relating to Independent Contractor Approval under
California Code of Regulations, Title 17, Section 91207

Reliable Emission Measurements

WHEREAS, the Air Resources Board (ARB), pursuant to California Health and Safety Code (CH&SC), section 41512, has established the procedures contained in California Code of Regulations (CCR), title 17, sections 91200-91220, to allow the use of independent testers for compliance tests required by ARB;

WHEREAS, it has been determined that Reliable Emission Measurements meets the requirements of ARB for conducting ARB Test Methods 1, 2, 3, 4, 5, 100 (CO, CO₂, NO_x, O₂), United States Environmental Protection Agency (U.S. EPA) Test Method 201A, and Visible Emissions Evaluation (VEE) pursuant to CCR, title 17, sections 91200-91220, when the following conditions are met:

1. Reliable Emission Measurements calibrates its differential pressure gauges after each test series in accordance with section 2.2 of ARB Test Method 2, and establishes and maintains a log of the calibrations;
2. Reliable Emission Measurements calibrates its dry gas meters as required by section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;
3. Reliable Emission Measurements calibrates its temperature gauges in accordance with section 4.3 of ARB Test Method 2, and establishes and maintains a log of the calibrations;
4. Reliable Emission Measurements permanently and uniquely identifies its isokinetic nozzles;
5. Reliable Emission Measurements calibrates and repairs its nozzles used in isokinetic testing as required by section 5.1 of ARB Test Method 5, and establishes and maintains a log of the calibrations which shall include notes on the repairs on each nozzle;
6. Reliable Emission Measurements calibrates its metering system as required by section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;
7. Reliable Emission Measurements acquires and uses Methylene Chloride as required by section 3.2.2.2 of ARB Test Method 5;
8. Reliable Emission Measurements includes the following information on all strip charts and/or emissions data sheets: pollutant of interest, source, analyzer range, date and time, zero offsets, and the name of the person operating the instruments;

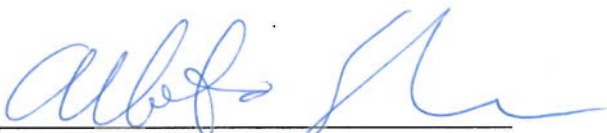
9. Reliable Emission Measurements installs a temperature gauge to determine the temperature of the condenser outlet as required by ARB Test Method 100;
10. Reliable Emission Measurements permanently marks or engraves a unique identifier on each of the nozzles it uses for U.S. EPA Test Method 201A;
11. Reliable Emission Measurements calibrates and repairs the nozzles it uses for U.S. EPA Test Method 201A as required by section 10.1 of U.S. EPA Test Method 5, and establishes and maintains a log of the calibrations, which shall include notes on the repairs on each nozzle;
12. Reliable Emission Measurements uses a PM₁₀ sizer that meets the specifications and calibration requirements of section 2.1.2 of U.S. EPA Test Method 201A;
13. The person performing VEE passed ARB's Compliance Training Course #100: Fundamentals of Enforcement (FOE or Smoke School) and is currently certified to conduct VEE. Any recertification for VEE, following the initial passage of ARB's FOE, must be by a certifying body recognized by ARB at the time VEE is performed; and

WHEREAS, ARB's Executive Officer, pursuant to CH&SC, section 39516, issued Executive Order G-02-008, delegating to the Chief of ARB's Monitoring and Laboratory Division the authority to approve independent testers in accordance with CCR, title 17, sections 91200-91220.

NOW, THEREFORE, I, Alberto Ayala, Chief of ARB's Monitoring and Laboratory Division, order that Reliable Emission Measurements is granted an approval, from the date of execution of this order, until June 30, 2012, to conduct the tests listed above, subject to compliance with CCR, title 17, sections 91200-91220.

BE IT FURTHER ORDERED that during the approved period the Executive Officer or his authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California, this 31st day of May 2011.



Alberto Ayala, Ph.D., M.S.E.
Chief, Monitoring and Laboratory Division